

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): Jonathan P. Murphy et al.  
 Appln. No.: 09 554,451  
 Series Code ↑ Serial No. ↑

Group Art Unit 1634  
 Examiner: Bradley Sisson  
 Atty. Dkt. P 0268066  
 M# Client Ref

Filed: May 15, 2000

Hon. Commissioner of Patents  
 Washington, D.C. 20231

Appln. Title: Improvements In or Relating to  
 Detection of Molecules in Samples

Sir:

## REPLY/AMENDMENT/LETTER

Date: March 3, 2003

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

## FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim	Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
A. <input checked="" type="checkbox"/> NOT made B. <input type="checkbox"/> Withdrawn C. <input type="checkbox"/> made herewith D. <input type="checkbox"/> made previously						
For B & C See <u>Required Separate Paper</u> (Pat-256)						
2. Total Effective Claims	10	**minus 20	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	1	***minus 3	0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters <u>proper</u> multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) .....					+ \$280/\$140 =	+ \$0 104/204
5. Original due Date: January 3, 2003 <input type="checkbox"/> NONE						
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo)	\$110/\$55 =		+ \$410		115/215
	(2 mos)	\$410/\$205 =				116/216
	(3 mos)	\$930/\$465 =				117/217
	(4 mos)	\$1,450/\$725 =				118/218
	(5 mos)	\$1,970/\$985 =				128/228
7. Enter any previous extension fee paid since above original due date and subtract				- \$0		
8. Extension Fee				+ \$410		
9. If <u>Terminal Disclaimer</u> attached, add Rule 20(d) official fee .....				+ \$110/\$55	+ \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c), .....				+ \$180	+ \$0	126
or if Rule 97(d) Request .....				+ \$180		126
11. After-Final Request Fee per rules 129(a) and 17(r) .....				+ \$750/370	+ \$0	146/246
12. No. of additional inventions for examination per Rule 129(b) .....				x \$750/375 ea	+ \$0	149/249
13. Request for Continued Examination (RCE) .....				+ \$750/375	+ \$0	1179/1279
14. Petition fee for .....					+ \$0	
15. TOTAL FEE =					\$410	
PLEASE CHARGE DEPOSIT ACCOUNT						

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".  
 17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.  
 18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

CHARGE Deposit Account No. 03-3975

Our Order No. 041301 0268066  
 C# M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP

Intellectual Property Group

By Atty: Richard A. Steinberg

Reg. No. 26,588

P.O. Box 10500

McLean, VA 22102

Tel: (703) 905-2000

Sig:



Fax: (703) 905-2500

Tel: (703) 905-2180

Atty/Sec: RAS/kmh

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

Jonathan P. Murphy et al.

Appln. No. 09/554,451

Filed: May 15, 2000

Confirmation No. 2087

Group Art Unit: 1634

Examiner: Bradley L. Sisson

Title: IMPROVEMENTS IN OR RELATING TO DETECTION OF MOLECULES IN SAMPLES

March 3, 2003

\* \* \* \* \*

AMENDMENT

Hon. Commissioner of Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated October 3, 2002, please amend the above identified application as follows herein.

IN THE CLAIMS

Please cancel claims 3, 4 and 10 without prejudice.

Please enter the following amended claims:

1. (Three times amended) A method of detecting the presence in a sample of a polypeptide exogenously administered to a mammalian subject from whom the sample is obtained, and distinguishing between such an exogenously administered polypeptide and a naturally-occurring endogenous polypeptide present in the sample; the method comprising obtaining a sample of body fluid from the subject; and subjecting the sample to analysis of fluorescence at a suitable wavelength; wherein the sample is subjected to processing, prior to analysis, by one or more of the following: centrifugation; HPLC; FPLC; affinity chromatography; immunoaffinity chromatography; denaturation or heat treatment, so as to enrich or purify the exogenous polypeptide thereby to improve the signal: noise ratio; and wherein the exogenously administered polypeptide has a greater or lesser amount of fluorescence activity, relative to the endogenous polypeptide, at the wavelength(s) analysed, wherein the greater or lesser amount of fluorescence activity is due to the respective presence

RECEIVED

MAR 06 2003

TECH CENTER 1600/2900